



## NC5FAV-AE

New: With ESD protective push tab improving electrostatic discharge and component protection.

The 'State of the Art' receptacle. Round plastic body XLR PCB mount panel connector. These have the smallest size and highest packing density (23 mm between centres). New designed tulip type contacts with gold plating of contact area and tin plated pcb termination area. Improved ESD performance with asymmetric non-metallic push.

The all plastic A-Series offers the most space saving and cost effective design.

## Features & Benefits

- Protection against electrostatic discharge and components due to compound material of the push tab
- Plastic housing
- Smallest XLR receptacles, highest packing density
- Polished contact areas and hard gold plating
- Tulip type female contact
- Housing flammability UL94 V-0

## Technical Information

| Product         |           |
|-----------------|-----------|
| Title           | NC5FAV-AE |
| Connection Type | XLR       |
| Gender          | female    |

| Electrical                   |   |
|------------------------------|---|
| Capacitance between contacts | $\leq 7$ pF   |
| Contact resistance           | $\leq 6$ m $\Omega$   |
| Dielectric strength          | 1,5 kVdc  |
| Insulation resistance        | > 10 G $\Omega$ (initial)   |
| Rated current per contact    | 3 A   |
| Rated voltage                | < 50 V  |
| Grounding Options            | separate ground contact to mating connector shell and front panel |

| Mechanical         |                      |
|--------------------|----------------------|
| Insertion force    | $\leq 20$ N          |
| Withdrawal force   | $\leq 20$ N          |
| Lifetime           | > 1000 mating cycles |
| Wiring             | vertical PCB mount   |
| Locking device     | Latch lock           |
| Mounting direction | Rear mounting        |
| Chassis shape      | A                    |
| Mounting           | A-Screw              |

| Material        |                            |
|-----------------|----------------------------|
| Contacts        | Bronze (CuSn6)             |
| Insert          | Polyamide (PA 6.6 30 % GR) |
| Locking element | Reinforced Polyamide       |

| Environmental       |                           |
|---------------------|---------------------------|
| Flammability        | UL 94 V-0                 |
| Standard compliance | IEC 61076-2-103           |
| Protection class    | IP 40                     |
| Solderability       | Complies with IEC 68-2-20 |
| Temperature range   | -30 °C to +80 °C          |